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Message Text

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PAGE 01 STATE 311423
ORIGIN DOTE-00

INFO OCT-01 EB-07 EUR-12 ISO-00 /020 R

DRAFTED BY DOT/CG:MSSINGER/EB/TD:DANDERSON:SP
APPROVED BY EB/TD:JJO'NEILL, JR.
EUR/NE:NLACHILLES (SUBS)
----------280224Z 005475 /67
R 272305Z DEC 76
FM SECSTATE WASHDC
TO RADIOGEN LONDON TELEX 261 969
ANSWER BACK MINPOSTEL LDN

UNCLAS STATE 311423

E.O. 11652: N/A

TAGS: ETEL, ITU, UK, US

SUBJECT: COORDINATION OF ASSIGNMENT TO SEA SURVEYS
LIMITED ON 100 KHZ (MINI-LORAN C) AT CHAPEL BAY DYFED.

FOR RADIOGEN, ATTN: MR. D. L. BIRD

1. IN REPLY TO YOUR TELEX MESSAGE OF 8 NOVEMBER, WE ARE PLEASED TO AGREE TO PROPOSED USE UNDER FOLLOWING CONDITIONS:

A. NO HARMFUL INTERFERENCE TO BE CAUSED TO SERVICE OF STANDARD LORAN C CHAINS OPERATING ON 100 KHZ; IF INTERFERENCE SHOULD OCCUR, YOUR LICENSEE TO MAKE NECESSARY MODIFICATION OR TERMINATE TRANSMISSION UNTIL INTERFERENCE REMOVED.

B. AGREEMENT COVERS MINI-LORAN C STATION OPERATING AT CHAPEL BAY DYFED, COORDINATES 51-40-54N/005-05-34W.

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C. PEAK RADIATED POWER LEVEL OF THIS STATION NOT TO EXCEED 1000 WATTS.

D. RADIATED SIGNAL TO CONSIST OF GROUP OF 8 PULSES SPACED 1000 MICROSECONDS APART AT GROUP REPETITION INTERVAL OF 78,700 MICROSECONDS. EACH PULSE TO HAVE

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CARRIER FREQUENCY OF 100 KHZ, ENVELOPE SHAPE SIMILAR TO

STANDARD LORAN C PULSE, AND PHASE CODING OF EITHER
0 DEGREES (PLUS) OR 180 DEGREES (MINUS). CODING
FORMAT TO REPEAT ITSELF EVERY TWO INTERVALS. EACH
COMPLETED CODING FORMAT TO CONTAIN EQUAL NUMBER OF
PLUSES AND MINUSES. CODING FORMAT TO HAVE CROSS
CORRELATION OF NEARLY ZERO WITH RESPECT TO STANDARD
LORAN C PHASE CODE WHEN AVERAGED OVER ONE OR TWO SECONDS.

2. THIS AGREEMENT IS MADE UNDER THE PROVISIONS OF
NO. 166 OF THE RADIO REGULATIONS.

REGARDS, JOHN J. O'NEILL, JR., DIRECTOR, OFFICE OF
INTERNATIONAL COMMUNICATIONS POLICY, DEPARTMENT OF
STATE, WASHDC.
ROBINSON

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Message Attributes

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TAGS: ETEL, UK, US, ITU
To: RADIOGEN LONDON
Type: TE
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